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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted: October 17, 2003

(use as many sheets as necessary)

Sheet 1 of 2

## Complete if Known

Application Number	Unassigned
Filing Date	October 17, 2003
First Named Inventor	Hirokazu HONDA
Group Art Unit	2824
Examiner Name	Unassigned Owens
Attorney Docket Number	067123-0195

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (If known)			
BEO	A1	6,153,448		TAKAHASHI et al.	09-06-2001	
	A2	5,998,861		HIRUTA	12-02-1999	duplicate
	A3	5,977,641		TAKAHASHI et al.	11-02-1999	
	A4	5,736,790		IYOGI et al.	04-07-1998	
	A5	5,677,576		AKAGAWA	10-14-1997	
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	A10	5,683,942		KATA et al.	11-04-1997	
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	A13	2002/0068383	A1	NAKAMURA	06-06-2002	
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## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code* (If known)				
BEO	A17	EP	1 043 922	A1	IBIDEN CO., LTD.	10-11-2000		
	A18	WO	99/17352	A1	PARTNERSHIPS LIMITED, INC.	04-08-1999		
	A19	EP	1 128 431	A2	NEC CORPORATION	08-29-2001		
	A20	WO	98/25297	A1	SEIKO EPSON CORPORATION	06-11-1998		
	A21	JP	2001-24021		HITACHI LTD.	01-26-2001		
	A22	JP	5-275489		HITACHI LTD.	10-22-1993		
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	A30	JP	11-111896		NEC CORPORATION	04-23-1999		

Examiner Signature

Bert E. Owens

Date Considered

3.4.04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	A34	JP	08-330313		SHINKO ELECTRIC IND. CO., LTD.	12-13-1996		
	A35	JP	2001-028379		ASAHI CHEM IND. CO. LTD.	10-30-2001		
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	A42	JP	11-074309	A	TOSHIBA CORP.	03-16-1999		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>6</sup>
Beo	A43	AMAMI et al., "Advanced MCM-Ls for Consumer Electronics," IEMT/IMC Proceeding, pp. 249-254, Matsushita Electric Industrial Co., Ltd. 1998.		
Beo	A44	KOJI MATSUI et al., "Resin and Flexible Metal Bumps for Chip-on-Glass Technology," Electronic Components and Tech. Conf., 1993 Proceedings, 43 <sup>rd</sup> , IEEE, Material Development Center, Color LCD Division, NEC Corporation.		

Examiner Signature	<i>Reeth E Owens</i>	Date Considered	3.4.04
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